002005 th2802960

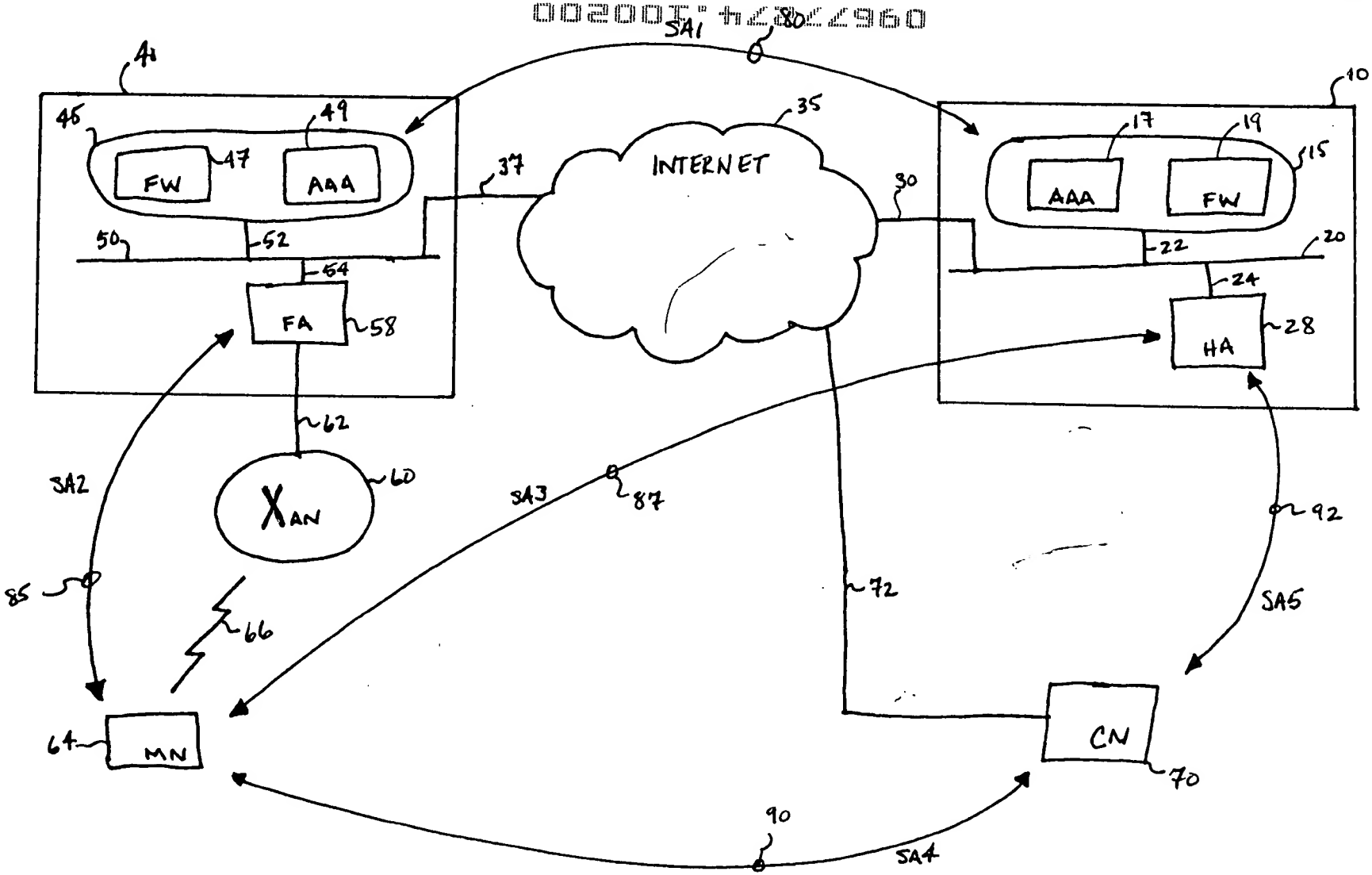


FIGURE 1
PRIOR ART

002007 "h2727960

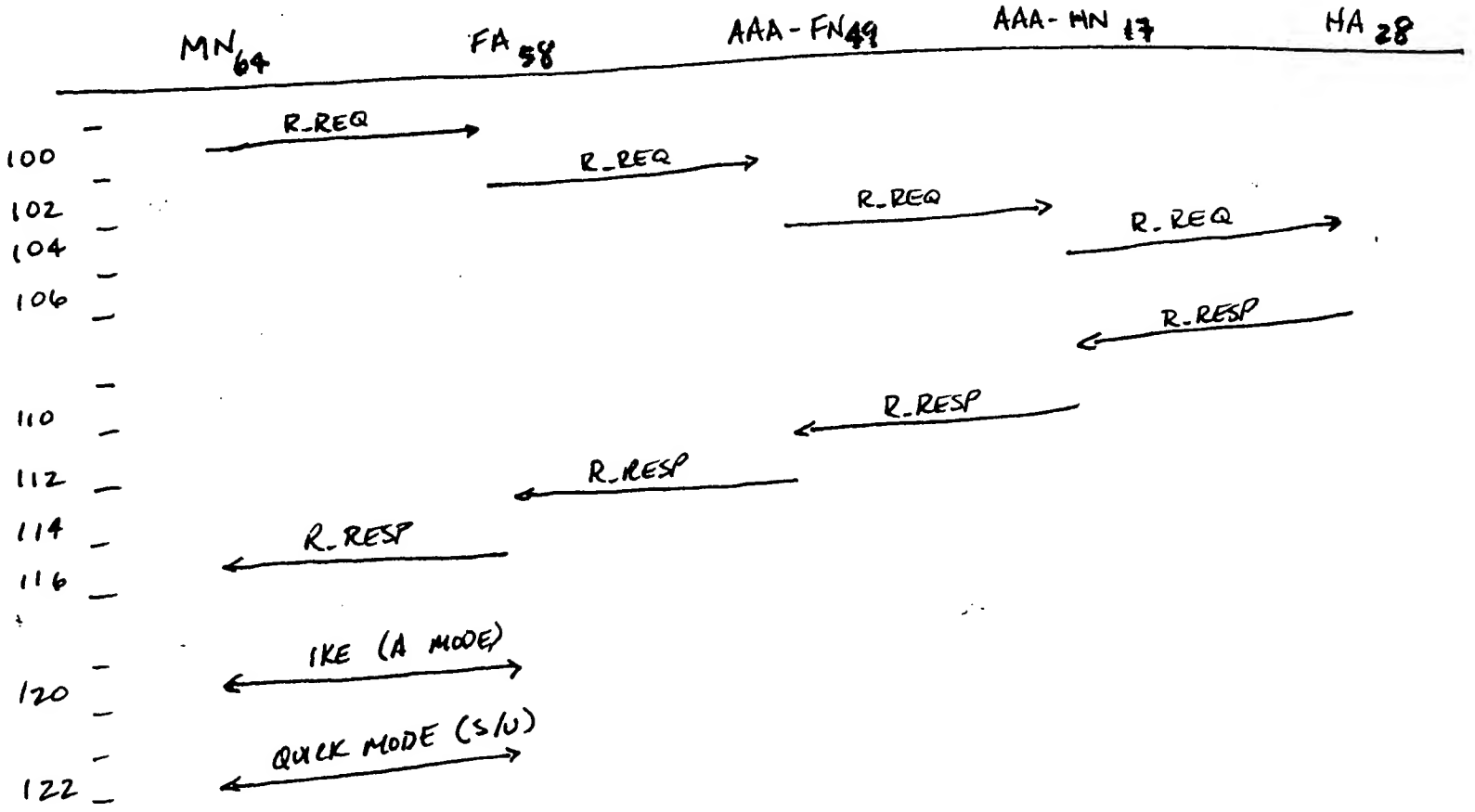


FIGURE 2

PRIOR ART

00200F "h2727960

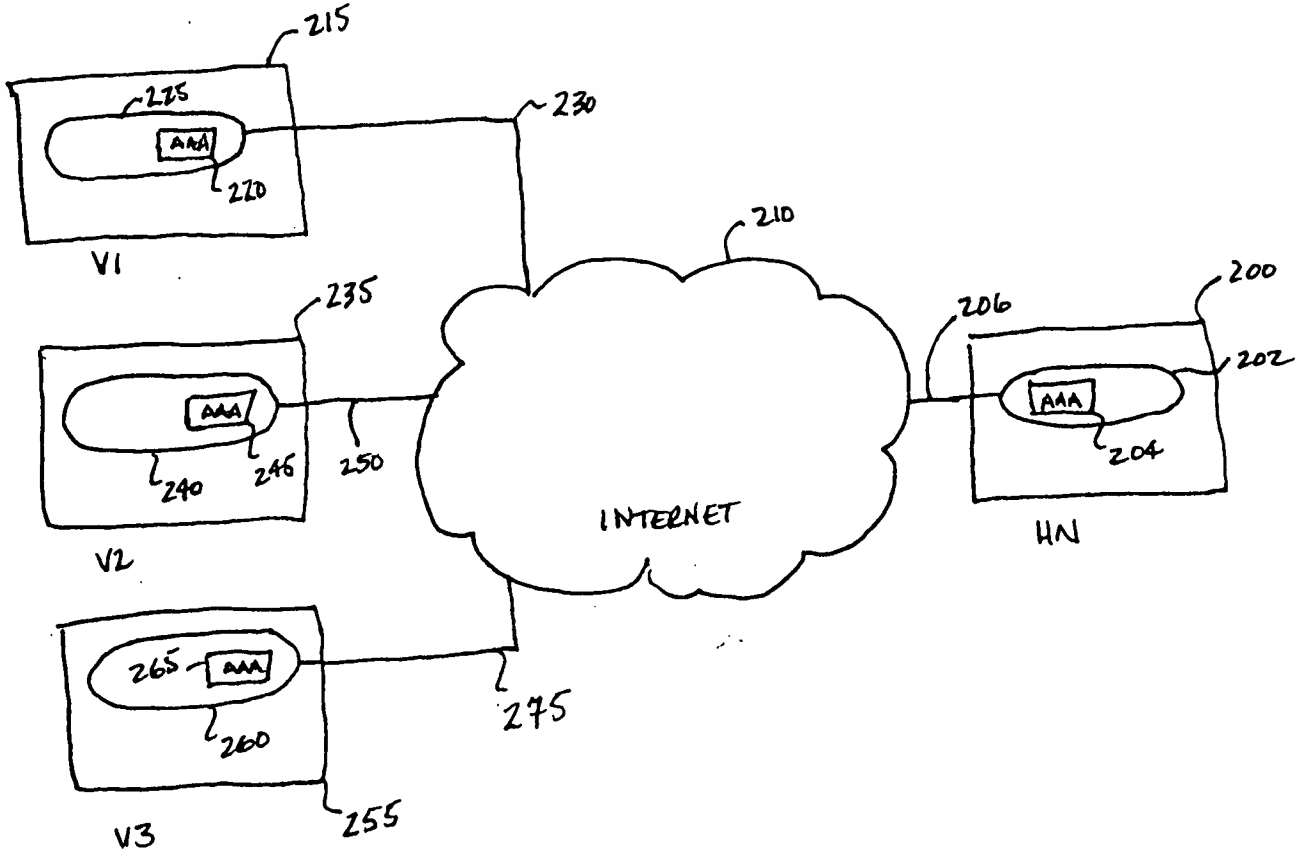
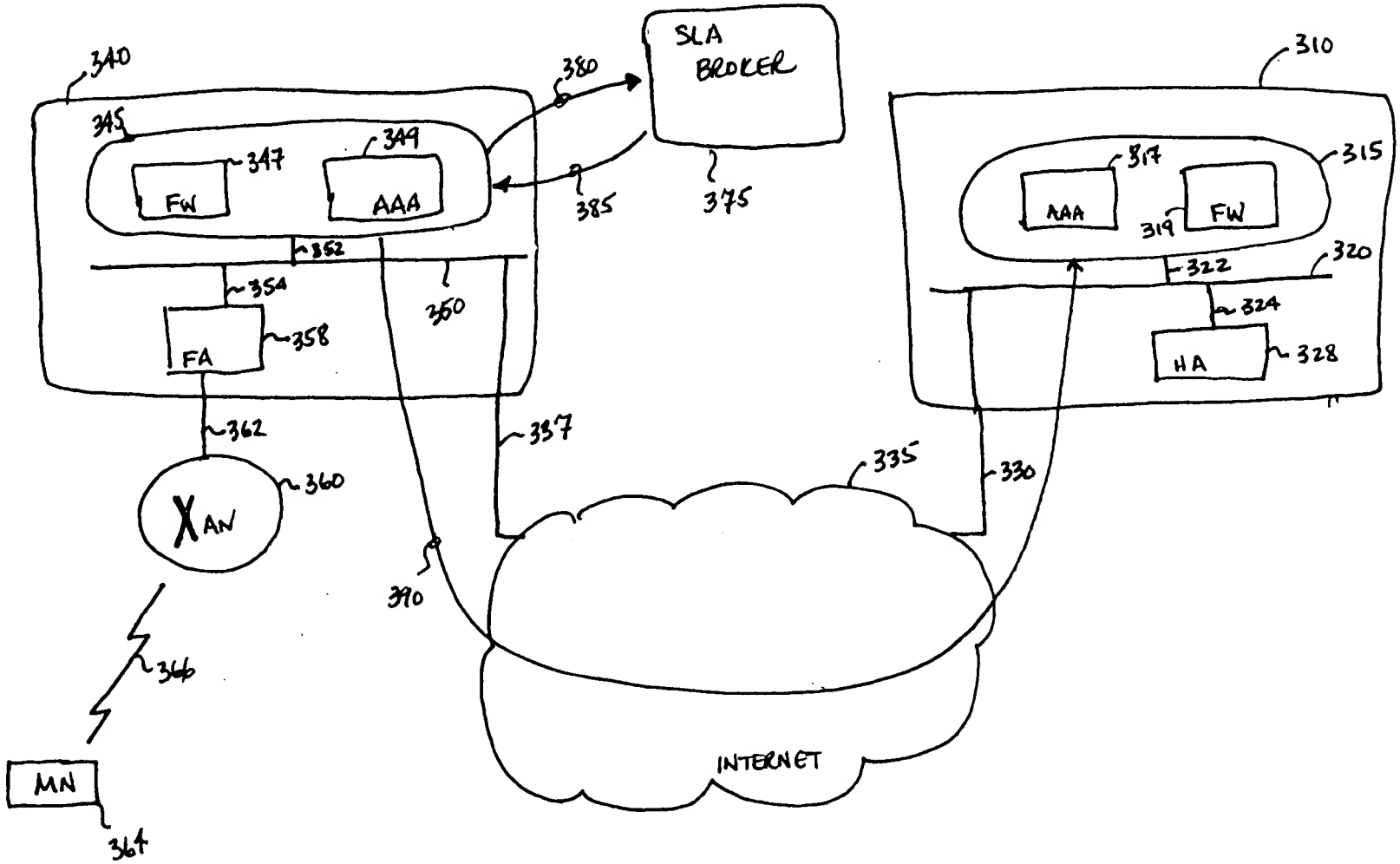


FIGURE 3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349
AAA
380
SLA
BROKER
385
375
310
315
317
AAA
319
FW
320
322
324
HA
328
352
354
FA
358
350
362
360
AN
357
335
330
390
366
MN
364
INTERNET

FIGURE 4

AVP Name	Code	Required?	Type	Description
Command-Code	256	Must	Int32	Value = DDR(345), Domain-Discovery-Request
Session-ID	263	Must	Data	Session identifier
User-Name	1	Must	String	User supplied destination name
Host-Name	264	Must	String	Sending host name
Destination NAI	269	Opt	String	Destination Network Access Identifier
additional AMR/AAR attributes		May		as needed
AAF-to-AAB-Password	382	Must	Complex	Client/Broker identifier encrypted with AAAF:AAAB shared key
Timestamp	262	Must	Time	Time value
Nonce	261	Must	Data	Random number
Integrity-Check-Value	259	Must	Complex	Message hash value

FIGURE 5

0602-4209

AVP Name	Code	Required?	Type	Description
Command-Code	256	Must	Int32	Value = DDA (346) Domain-Discovery-Answer
Result-Code	268	Must	Int32	Value = 9: DIAMETER_REDIRECT_INDICATION 10= DIAMETER_DOMAIN_NOT_SERVED
Destination NAI	269	Must	String	Processed target realm name
Redirect-Host	278	Must	String*	Host IP address
Redirect-Host-Port	277	May	Int32*	TCP Port number if not default
Session-Timeout	27	May	Int32*	Redirection Cache Timeout and Session Key timeout for this Host.
* Tags		May		Host information may be tagged for multiple addresses on the same host – Currently Not implemented
AAF-to-AAH-Key	383	Must	Complex	Session key encrypted with AAAF:AAAB shared key
AAH-to-AAF-Key	384	Must	Complex	Session key encrypted with AAAB:AAAH shared key
AAH-to-AAB-Password	385	Must	Complex	Home/Broker Identifier encrypted with AAAB:AAAH shared key
Broker-Identifier	386	May	String	Identification of Broker for redirected Host
Broker-Client-Info	387	May	String	Identification of SLA
Broker-Referral-Info	388	May	Data	Ident/Token for redirection tracking?
Timestamp	262	Must	Time	Time value
Nonce	261	Must	Data	Random number
Integrity-Check-Value	259	Must	Complex	Message hash value

FIGURE 6

0080-4702-9050

AVP Name	Code	Required?	Type	Description
Command-Code	256	Must	Int32	Value = AMR, AA-MN-Request
Destination NAI	269	Must	String	Original request value
original AMR attributes				copy of message from SMM
AAH-to-AAF-Key	384	Must	Complex	As returned from the Broker
AAH-to-AAB-Password	385	Must	Complex	As returned from the Broker
Broker-Identifier	386	May	String	Identification of Broker for redirected Host
Broker-Client-Info	387	May	String	Identification of SLA
Broker-Referral-Info	388	May	Data	Ident/Token for redirection tracking?
Timestamp	262	Must	Time	Time value
Nonce	261	Must	Data	Random number
Integrity-Check-Value	259	Must	Complex	Message hash value

FIGURE 7

Docket: 4727-950